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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/533,036	01/18/2006	Rino Antonio Bit	P33137USW 5914	
23347 7590 12/18/2007 GLAXOSMITHKLINE CORPORATE INTELLECTUAL PROPERTY, MAI B475			EXAMINER	
			VALENROD	VALENROD, YEVGENY
	IVE MOORE DR., PO BOX 13398 ESEARCH TRIANGLE PARK, NC 27709-3398		ART UNIT	PAPER NUMBER
			1621	
			NOTIFICATION DATE	DELIVERY MODE
			12/18/2007	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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		Application No.	Applicant(s)		
Office Action Summary					
		10/533,036	BIT ET AL.		
	omee noutral summary	Examiner	Art Unit		
	The MAILING DATE of this communication app	Yevgeny Valenrod	1621		
Period fe	or Reply	rears on the cover sneet with the t	orrespondence address		
WHICE - Extending - If NO - Failu Any	CHEVER IS LONGER, FROM THE MAILING DANS IN THE	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be tin will apply and will expire SIX (6) MONTHS from a cause the application to become ABANDONE	N. nely filed the mailing date of this communication. D (35 U.S.C. § 133).		
Status					
1)🛛	Responsive to communication(s) filed on 11 Oc	ctober 2007.			
2a) <u></u> ☐	This action is FINAL . 2b) This action is non-final.				
3)[Since this application is in condition for allowance except for formal matters, prosecution as to the merits is				
	closed in accordance with the practice under E	x parte Quayle, 1935 C.D. 11, 45	53 O.G. 213.		
Disposit	ion of Claims				
5)□ 6)⊠ 7)□ 8)□	Claim(s) 1-8,11-13,17 and 19-21 is/are pending 4a) Of the above claim(s) 11-13,17 and 19-21 is Claim(s) is/are allowed. Claim(s) 1-8 is/are rejected. Claim(s) is/are objected to. Claim(s) are subject to restriction and/or ion Papers	s/are withdrawn from consideration	on.		
	·				
10)□	The specification is objected to by the Examiner The drawing(s) filed on is/are: a) acce Applicant may not request that any objection to the or Replacement drawing sheet(s) including the correction The oath or declaration is objected to by the Ex	epted or b) objected to by the Edrawing(s) be held in abeyance. See ion is required if the drawing(s) is obj	e 37 CFR 1.85(a). ected to. See 37 CFR 1.121(d).		
Priority (under 35 U.S.C. § 119		•		
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.					
2) 🔲 Notic 3) 🔯 Infon	et(s) Dee of References Cited (PTO-892) Dee of Draftsperson's Patent Drawing Review (PTO-948) Description Disclosure Statement(s) (PTO/SB/08) Decription Office (100/207; 04/28/05)	4) Interview Summary Paper No(s)/Mail Da 5) Notice of Informal P. 6) Other:	te		

Application/Control Number:

10/533,036 Art Unit: 1621

DETAILED ACTION

Election/Restrictions

Applicant's election without traverse of Group I, claims 1-8 in the reply filed on 10/11/07 is acknowledged.

Claims 11-13, 17 and 19-21 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected method of use and method of making, there being no allowable generic or linking claim. Election was made without traverse in the reply filed on 10/11/07.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-8 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Claims are directed to compounds of a provided formula and derivatives thereof. The term derivative(s) has not been defined in the specification. It is unclear which compounds are included and which are excluded by the term "derivative(s)". In order to advance the prosecution of the application examiner will interpret the term "derivative(s)" to represent compounds that have the same structural 3-ringcore that is common to all of the claimed compounds.

Claim 7 rejected under 35 U.S.C. 112, second paragraph, as being incomplete for omitting essential elements, such omission amounting to a gap between the elements. See MPEP § 2172.01. The omitted elements are: the compounds of examples 1-90 in the specification. Structures and figures should be incorporated in claims. Examiner suggests listing the structures of compounds in examples 1-90.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1 is rejected under 35 U.S.C. 102(b) as being anticipated by Baker et al (*Tetrahedron letters* **1999**, *40*, 3475-3478). On page 3475, Baker et al disclose compound 4 (see structure below):

Compound 4 meets all the structural limitations of claim when:

Z-Rx = OMe; R2a = OMe; R2b -- Me; A = 5-mem heterocyclyl ring; R1 = alkyl; R8 = OMe and R9 = Me.

Claims 1-8 are rejected under 35 U.S.C. 102 (b) as being anticipated by Reitz et al. (WO 96/16934).

Reitz et al disclose compound of example 20 (p 85, structure below) and pharmaceutical composition comprising the said compound (pages 117-118)

The above compound is a derivative of the compounds claimed in the instant claims 1-7.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 1-3 and 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Reitz et al (WO 96/16934).

Scope of prior art

Reitz et al disclose compound of example 20 (p 85, structure below) and pharmaceutical composition comprising the said compound (pages 117-118)

Ascertaining the difference between prior art and instant claims

The compound disclosed by Reitz et al. differs from the instantly claimed compounds in that the position of Z-Rx substituent in the instant claims is ortho, while it is para in the compound disclosed by Reitz. Also, the position of R1 group according to the instant claims is 1-2 or 1-3 withrespect to the phenyl ring, while In Reitz it is positioned 1-4.

Obviousness

The difference between instant compounds and compound in Example 20 of Reitz et al is placement of substituents around a ring. "Compounds which differ only in the placement of substituents in a ring are not patentable absent unexpected results".

In re Jones, 162 F.2d 638, 74 USPQ 152 (CCPA 1947).

Double Patenting

Claims 1-8 are provisionally rejected on the ground of nonstatutory obviousnesstype double patenting as being unpatentable over claims 1-3 and 5 of copending Application No. 11/568573. Although the conflicting claims are not identical, they are not patentably distinct from each other because instant claims 1-3 and 8 contain overlapping subject matter with claims 1-3 and 5 of '573. Instant claims 4-7 are obvious over the compound in claims 1-3 of '573. The difference between instant claim 4-7 and claims 1-3 of 573 is positioning of the ring substituents in the middle ring. "Compounds which differ only in the placement of substituents in a ring is not patentable absent unexpected results". In re Jones, 162 F.2d 638, 74 USPQ 152 (CCPA 1947).

This is a provisional obviousness-type double patenting rejection because the conflicting claims have not in fact been patented.

Conclusion

Claims 1-8, 11-13, 17 and 19-21 are pending.

Claims 11-13, 17 and 19-21 are withdrawn

Claims 1-8 are rejected

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yevgeny Valenrod whose telephone number is 571-272-9049. The examiner can normally be reached on 8:30am-5:00pm M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Yvonne Eyler can be reached on 571-272-0871. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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